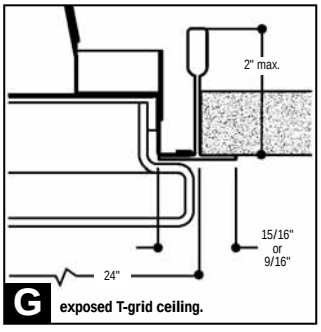
Architectural Recessed Fluorescent
2' x 2' with Frost White Acrylic Lens, 2 Lamp 6" U T8

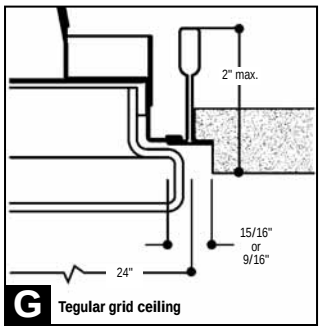
Features

- Ideal for boardrooms, entrances and other spaces seeking a clean architectural look.
- Frost White DR acrylic lens.
- Can be mounted in patterns, end to end or side to side.
- Blends in with regular flat-edge and aesthetic recessed-edge ceiling tiles.
- 62.6% efficient
- 5" deep body.
- One piece housing.
- Black exterior for cooler ballast operating temperature.
- Built-in earthquake clips (patent no. 5,072,344).
- Spring loaded latches/hinge.
- Lens encloses lamp compartment.
- Lens opens from either side.
- Ballast accessible from room side.
- Wiring access plate standard.
- Construction to meet NYC Code or Chicago Plenum available.

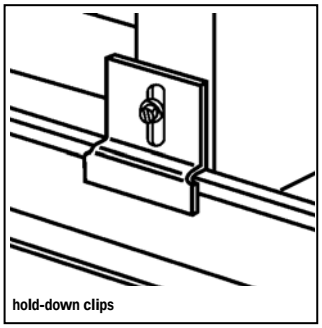
Mounting Methods



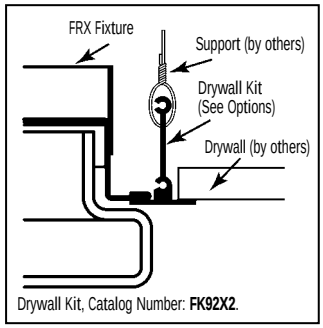
G exposed T-grid ceiling.



G Tegular grid ceiling



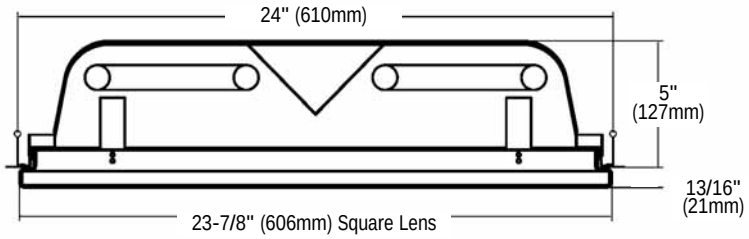
hold-down clips

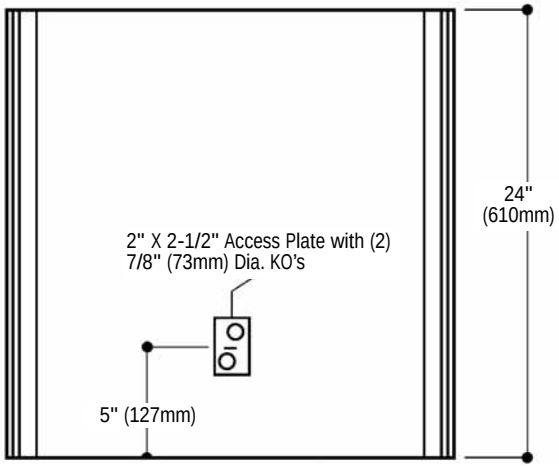


Drywall Kit, Catalog Number: **FK92X2**.

Expample of pattern mounting

Dimensions





Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

11/08

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Section 5/Folio MA10-10

Architectural Recessed Fluorescent
2' x 2' with Frost White Acrylic Lens, 2 Lamp 6" U T8

Model No. FRS2GFW26UUNVHI

LER = FP - 55 IW - 55.1 BF - 0.88
Comparative yearly lighting energy cost per 1000 lumens = $4.36

Report Number: G2008256
Catalog Number: FRS2GFW26UUNVHI
Lamps: (2) FB31T8/TL741/6
Luminaire: FRX Architectural Recessed 2' x 2' fixture with acrylic lens.
Ballast: ICN-2P32N
Report is based on 2750 Lumens per lamp.
Efficiency: 62.6%

CIE Type-Direct-Indirect

Plane:	0-Deg	90-Deg
Spacing Criteria:	1.2	1.2
Shielding Angles:	90	90
Plane:	0-Deg	90-Deg
Luminous Length:	21.600	21.600

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1256	1256	1256	
5	1245	1244	1244	118
15	1187	1185	1186	335
25	1093	1090	1088	503
35	965	957	953	600
45	809	799	789	617
55	630	618	602	551
65	434	423	397	413
75	227	220	191	228
85	66	70	44	77
90	51	50	27	

COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80			50			30		
RW	70	50	30	50	30	10	50	30	10
1	68	65	62	61	59	57	58	57	55
2	62	57	52	53	50	46	51	48	46
3	56	50	45	47	43	39	45	42	39
4	52	44	39	42	37	34	40	36	33
5	48	39	34	37	33	29	36	32	29
6	44	36	30	34	29	26	33	29	25
7	41	32	27	31	26	23	30	26	22
8	38	29	24	28	24	20	27	23	20
9	35	27	22	26	21	18	25	21	18
10	33	25	20	24	20	17	23	19	16

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	956	17.4	27.8
0- 40	1556	28.3	45.2
0- 60	2724	49.5	79.1
0- 90	3441	62.6	100.0
90-180	0	0.0	0.0
0-180	3441	62.6	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	3677.	3632.	3586.
55	3482.	3416.	3327.
65	3183.	3102.	2912.
75	2590.	2511.	2180.
85	1821.	1931.	1214.

Ordering Information

Explanation of Catalog Number. Example: FRS2GFW26UUNVHI

	S	2	G	F	W	2	6U			
FRX Architectural Recessed Fluorescent	**Body Style:** **S** = Static	**Fixture Width**	**Ceiling Type:** **G** = Standard Grid	**Lens:** **F**= Frost White Acrylic Lens	**Reflector:** White	**Lamp Quantity** **2**=2 Lamps	**Lamp Type/ Fixture Length:** 6" U T8 2 Lamp Only (Nominal 24")	**Voltage:** 120, 277 or **UNV**=120-277	**Ballast Type:**	**Options:** Add appropriate suffix to catalog no., ie: (A)

	<20THD	<10THD
1-2 Lamp Elec. T8	**SO***	**HI ***
LOL T8 Dimming	**PS**	**–**

*Instant Start Standard
Other dimming options, consult factory.
NOTE: For **T8 UNV**, you must use **HI** Ballast Code.

FR	Standard FRX
FY	For NYC Code – I.B.E.W. Manufactured
FN	For NYC Code – Local 3 Manufactured 5½" Deep Body

Options/Accessories

Fusing: Internal fast blow fusing: SUFFIX: **A**.
Internal slow blow fusing: SUFFIX: **C**.
Drywall Kit: Order Catalog Number: **FK92X2**.
Electrical Wiring Options: Consult factory.
For motion or light sensor: See Folio OA20-10 and OA20-30.

Specifications

Performance: In an installation of 2 lamp T86U luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .65. To reduce glare the average brightness at 65° shall not exceed 3183 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 72.2%.
Lamp Shield: Frost white DR acrylic lens.
Materials: **Chassis parts** are die-formed code gauge cold rolled steel. Housing is ribbed for rigidity with side rails hemmed over and housing ends turned-in for safe handling.

Specifications (continued)

Finish: **Chassis exterior**–black baked polyester enamel. **Cavity**–white baked polyester enamel minimum 86% reflectance. Rust preventative undercoating.
Electrical: Thermally protected class "P' ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
UL Listed for damp locations.
Labels: I.B.E.W./UL and ULc Listed.
This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

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